

AMENDMENTS TO THE CLAIMS

Claims 1-30 are pending in the instant application. Claims 1-8, 10-18, 20-28 and 30 have been amended. Claims 2-10, 12-20 and 22-30 depend directly or indirectly from independent claims 1, 11 and 21, respectively.

The Applicant requests reconsideration of the claims in view of the following claim amendments and remarks.

Listing of claims:

1. (Currently Amended) A method for communicating information in a server, the method comprising:

receiving at a common switch, at least one packet from a first blade server of a plurality of blade servers, wherein said at least one packet is designated for at least a second blade server of said plurality of blade servers, and at least two of which~~wherein~~ said first blade server and said at least a second blade server are coupled to ~~[[a]]~~ said common switch via a common bus;

~~determining at least one identifier associated with at least a second blade server based on at least a portion of said received at least one packet; and~~ determining at least a first identifier identifying said common switch, a second identifier identifying said first blade server, and at least a third identifier identifying said second blade server, wherein

said first, second and third identifiers are located within a header portion of said received at least one packet; and

routing via said common switch, ~~based on said determined at least one identifier,~~
at least a portion of said at least one received packet to at least said second blade server, based on said determined first, second and third identifiers from said header portion of said at least one received packet.

2. (Currently Amended) The method according to claim 1, comprising transferring said ~~at least a~~ header portion of said at least one received packet to said at least said second blade server via said common switch.

3. (Currently Amended) The method according to claim 1, wherein said common switch comprises a switch blade coupled to said common bus, and wherein said switch blade controls said routing of ~~at least a~~ said header portion of said received packet.

4. (Currently Amended) The method according to claim ~~[[3]]~~1, ~~comprising determining at least one identifier of said switch blade~~wherein said common bus comprises a common backplane.

5. (Currently Amended) The method according to claim ~~[[4]]~~1, comprising ~~determining at least one identifier of said first blade server~~wherein said common switch comprises a bus transceiver and a bus controller.

6. (Currently Amended) The method according to claim ~~[[5]]~~1, wherein ~~each of said first, second, and third identifiers identifier of said first blade server, said identifier of said second blade server, and said identifier of said switch blade each~~each comprises one or both of a MAC address and/or an IP address.

7. (Currently Amended) The method according to claim 1, comprising:

acquiring ~~at least one~~said second identifier of said first blade server; and

transferring via said common switch, said acquired ~~at least one~~second identifier of said first blade server to at least said second blade server.

8. (Currently Amended) The method according to claim 1, comprising

broadcasting ~~at least a~~ said header portion of said at least one received packet via said common switch.

9. (Previously Presented) The method according to claim 1, comprising receiving a broadcast containing said at least one received packet.

10. (Currently Amended) The method according to claim 1, comprising receiving at least one packet from said second blade server and transferring via said common switch, said ~~at least at~~ header portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.

11. (Currently Amended) A machine-readable storage having stored thereon, a computer program having at least one code section for communicating information in a server, the at least one code section being executable by a machine for causing the machine to perform steps comprising:

receiving at a common switch, at least one packet from a first blade server of a plurality of blade servers, wherein said at least one packet is designated for at least a second blade server of said plurality of blade servers, and at least two of which ~~wherein~~ said first blade server and said at least a second blade server are coupled to ~~[[a]]~~ said common switch via a common bus;

~~determining at least one identifier associated with at least a second blade server based on at least a portion of said received at least one packet; and~~ determining at least a first identifier identifying said common switch, a second identifier identifying said first blade server, and at least a third identifier identifying said second blade server, wherein said first, second and third identifiers are located within a header portion of said received at least one packet; and

routing via said common switch, ~~based on said determined at least one identifier,~~ at least a portion of said at least one received packet to at least said second blade server, based on said determined first, second and third identifiers from said header portion of said at least one received packet.

12. (Currently Amended) The machine-readable storage according to claim 11, comprising code for transferring said ~~at least a~~ header portion of said at least one received packet to said at least said second blade server via said common switch.

13. (Currently Amended) The machine-readable storage according to claim 11, wherein said common switch comprises a switch blade coupled to said common bus, and wherein said machine-readable storage comprises code for controlling said routing of said ~~at least a~~ header portion of said received packet by said switch blade coupled to said common bus.

14. (Currently Amended) The machine-readable storage according to claim ~~[[13]]~~11, ~~comprising determining at least one identifier of said switch blade~~wherein said common bus comprises a backplane.

15. (Currently Amended) The machine-readable storage according to claim ~~[[14]]~~11, ~~comprising code for determining at least one identifier of said first blade server~~wherein said common switch comprises a bus transceiver and a bus controller.

16. (Currently Amended) The machine-readable storage according to claim ~~[[15]]~~11, wherein each of said first, second, and third identifiers ~~identifier of said first blade server, said identifier of said second blade server, and said identifier of said switch blade~~ each comprises one or both of a MAC address and/or an IP address.

17. (Currently Amended) The machine-readable storage according to claim 11, comprising:

code for acquiring ~~at least one~~said second identifier of said first blade server; and
transferring via said common switch, said acquired ~~at least one~~second identifier of said first blade server to at least said second blade server.

18. (Currently Amended) The machine-readable storage according to claim 11, comprising code for broadcasting ~~at least a~~ said header portion of said at least one received packet via said common switch.

19. (Previously Presented) The machine-readable storage according to claim 11, comprising code for receiving a broadcast containing said at least one received packet.

20. (Currently Amended) The machine-readable storage according to claim 11, comprising code for receiving at least one packet from said second blade server and transferring via said common switch, said ~~at least a~~ header portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.

21. (Currently Amended) A system for communicating information in a server, the system comprising:

at least one processor that receives at a common switch, at least one packet from a first blade server of a plurality of blade servers, wherein said at least one packet is designated for at least a second blade server of said plurality of blade servers, and at least two of which wherein said first blade server and said at least a second blade server

are coupled to [[a]] said common switch via a common bus;

~~said at least one processor determines at least one identifier associated with at least a second blade server based on at least a portion of said received at least one packet; and~~ at least a first identifier identifying said common switch, a second identifier identifying said first blade server, and at least a third identifier identifying said second blade server, wherein said first, second and third identifiers are located within a header portion of said received at least one packet; and

~~said at least one processor routes via said common switch, based on said determined at least one identifier, at least a portion of said at least one received packet to at least said second blade server, based on said determined first, second and third identifiers from said header portion of said at least one received packet.~~

22. (Currently Amended) The system according to claim 21, wherein said at least one processor transfers said ~~at least a~~ header portion of said at least one received packet to said at least said second blade server via said common switch.

23. (Currently Amended) The system according to claim 21, wherein said common switch comprises a switch blade coupled to said common bus, and wherein said at least one processor controls said routing of said ~~at least a~~ header portion of said received packet by said switch blade coupled to said common bus.

24. (Currently Amended) The system according to claim ~~[[23]]~~21, wherein said ~~at least one processor determines at least one identifier of said switch blades~~said common bus comprises a backplane.

25. (Currently Amended) The system according to claim ~~[[24]]~~21, wherein said ~~at least one processor determines at least one identifier of said first blade server~~wherein said common switch comprises a bus transceiver and a bus controller.

26. (Currently Amended) The system according to claim ~~[[25]]~~21, wherein ~~each of said first, second, and third identifiers~~ identifier of said first blade server, said identifier of said second blade server, and said identifier of said switch blade ~~each~~ comprises one or both of a MAC address and/or an IP address.

27. (Currently Amended) The system according to claim 21, wherein said at least one processor:

acquires ~~at least one~~said second identifier of said first blade server; and

transferring via said common switch, said acquired ~~at least one~~second identifier of said first blade server to at least said second blade server.

28. (Currently Amended) The system according to claim 21, wherein said at

least one processor broadcasts ~~at least a~~ said header portion of said at least one received packet via said common switch.

29. (Previously Presented) The system according to claim 21, wherein said at least one processor receives a broadcast containing said at least one received packet.

30. (Currently Amended) The system according to claim 21, wherein said at least one processor receives at least one packet from said second blade server and transfers via said common switch, said ~~at least a~~ header portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.